Please replace any previous claims with the following set of claims:

1-13 (Cancelled)

14. (Original) A unit for storing at least one hard disk drive, including: two side panels mounted in parallel with each other, such that both sides of said at least one hard disk drive is in contact with a suspension system; a set of slots for a plurality of hard drives separated by dividers, said number of slots corresponding to said number of disk drives; said suspension system comprising at set of polymer compression members incorporated into each of said dividers; wherein each of said polymer compression members contacts each of said disk drives at said upper and lower surfaces; and wherein said multiple compression members are configured to have varying stiffness.

15. (Original) A method for reducing the vibration in a hard disk drive using the system as recited in claim 14, including the step of configuring said multi-stiffness beams to work in unison with at least another of one of said of beams.

16. (Currently Amended) A ~~system~~ method for housing a hard disk drive including: placing a first and second side panel of a housing in parallel, ~~said second side panel mounted in parallel with the said first side panel~~; wherein said first and second side panels having at least one slot for including at least one disk ~~drTJe~~ drive;

pre-stressing a first set of polymer structures located both said first and second side panel to be compressive members:

placing said~~a~~ first set of compressive members ~~ma^~~made of a polymer, ~~and,~~ such that they contact the ~~contigured such that DOIП ine~~ top and bottom of said at least one disk drive and ~~; and a~~

pre-stressing a second set of compressive members made of a polymer;~~,~~

~~and configured~~placing said second set of compressive members such that both of said sides of said at least one disk drives are in contact with a set of ~~polymer springs~~said second set of compressive members; ~~wherein~~whereby said at least one disk drive is held firmly in place by said first and said second set of compressive members, whereby said rotational and external vibrations are reduced.

17, Cancelled.

18. (Currently Amended) The ~~system~~method as recited in claim 16, wherein ~~said first~~pre-stressing said first polymer compression member~~s~~ ~~is an arched beam~~is completed by creating an arched beam.

19. (Currently Amended) The ~~system~~method as recited as recited in claim 18, wherein said multiple beams of varying stiffness ~~will be~~areemployed.

20. (Currently Amended). The ~~system~~method as recited in claim 19, wherein said multi-stiffness beams are configured to work in unison.

21-30. Cancelled.

31. (Previously Presented) A system for housing a hard disk drive including: a first and second side panel of a housing, said second side panel mounted in parallel with the said first side panel; wherein said first and second side panels having at least one slot for including at least one disk drive; a first set of compressive members made of a polymer, and configured such that both the top and bottom of said at least one disk drive; and a second set of compressive members made of a polymer, and configured such that both of said sides of said at least one disk drives are in contact with a set of polymer springs; wherein said at least one disk drive is held firmly in place by said first and said second set of compressive members, whereby said rotational and external vibrations are reduced.

32. (Previously Presented) The system as recited in claim 31, wherein said multi-stiffness beams working in unison resulting in each other being recruited as the load becomes more aggressive.

33. (Previously Presented) The system as recited in claim 32, wherein the variable stiffness can result from one beam or surface with a variable cross-section or from variable cross-section beams working in a cascading effect.

34. (Previous Presented) The system as recited in claim 33, wherein a surface projection feature can also be used and the variability in thickness plays a greater role when the beam is loaded in compression.

35-36. Cancelled.